CAI DA 37 -67 M15 CA 1 DA 37-67MI Covernment
Publications



LIBRARY

SEP 2.7 1967

WIVEPON OF TORONTO

I beneral publications ]

# MAP OF PLANT HARDINESS ZONES IN CANADA

C.E.Ouellet
Agrometeorology Section
and
Lawrence C. Sherk
Ornamental Plant Section

Plant Research Intitute Research Branch Central Experimental Farm Ottawa, Ontario

Information division

CANADA DEPARTMENT OF AGRICULTURE 1967

DEPOSITORY LIBRARY MATERIAL



#### PLANT HARDINESS ZONES IN CANADA

This map, in two sections, one for the eastern half of Canada and one for the western half, shows the areas of writter hardiness for onamental plants in the most heavily popolisted areas of Canada meteorological factors affecting the hardness of a plant in a given meteorological factors affecting the hardness of a plant in a given meteorological factors affecting the winter of the plant in th

The hardness areas have been divided into 10 zones. The orn manded 0 is the coldest Other zones are propressively wilder, to 9, which is the mildest. A given zone on this map corresponds only approximately to a zone of the same number in the United States. Department of Agriculture Plant Hardness Zone Mar, which has been provided into a light and a dark section to represent, respectively, the milder and colded protrions of the zone. The list believe contains representative plants that normally survive in each zone. Uses should locate their own area on the map and so establish the zone in which the plants are to be grown. Sometimes, even though often manded the plants are to be grown. Sometimes, even though other manded presented the list when the plants are to be grown. Sometimes, even though other manded presented the list when the plant were to be grown. Sometimes, even though other manded presented the list when the plants are to be grown. Sometimes, even though other manded presented the list when the plants are to be grown. Sometimes, even though other manded presented the list when the plants are to be grown.

Smull areas with peculiar microclimates often exist within a 200 These areas are colded or midel than the surrounding area. The area usually too small to locate on the hardness map or they men that be the recorded. In addition, sharp changes in elevate on the map of the contract of the

Hadiness sons for most of the more common shrubs in cultivation in Canada are given in the Canada Department of Apriculture Publication 1286, Ornamental Shrubs for Canada, which also contains this map. Hadiness sones for trees are given in A Checklist of Ornamental Trees, for Canada, also published by the Canada Department of Apriculture.

Plant Research Institute, Research Branch, Canada Department Agriculture, Ottawa, Ontario.

### INDICATOR SHRUBS

Zone 9a Cryptomena japonica 'Elegans' Plume cryptomeria

- Laurus nobilis Sweet bay, laurel
  Pieris forrestii Chinese pieris

  R. Aucuba japonica Japanese aucuba
- Pernettya mucronata Chilean pernetty. Viburnum tinus Laurestinus
- 7 Buxus sempervirens English box Hypericum hookerianum 'Hidcote' Prunus laurocerasus Cherry-laurel
- Forsythia X intermedia 'Spectabilis' Sho
- Viburnum carlesii Fragrant viburnum

  4 Hydrangea paniculata 'Grandiflora' Peegee hydrangea
  Philadelphus 'Bouquet Blanc' Bouquet Blanc mock-
- Taxus cuspidata Japanese yew

  Euonymus alata Winged spindletree
  Rhus typhina Staphon sumar
- Spiraea X vanhouttei Vanhoutte spirea

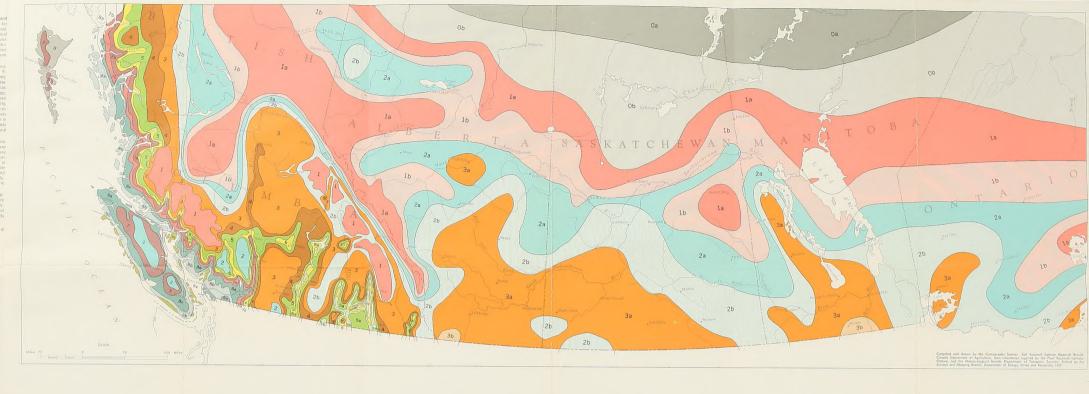
  2 Caragana arborescens Slberian peashrub
- Cornus alba 'Sibirica' Siberian dogwood
  Cotoneaster integerrima European cotoneas
- Cotoneaster lucida Hedge cotoneaster Pinus mugo mughus Mugo pine

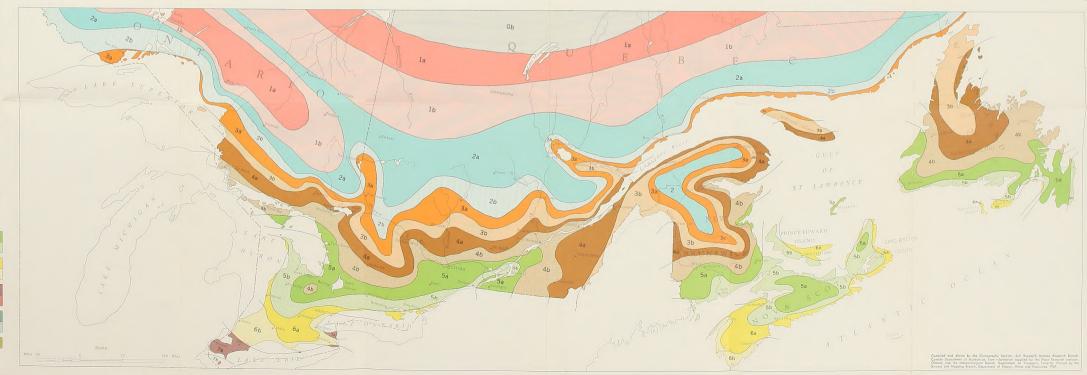
## HARDINESS OF SOME TREES

#### LEGEND

Note: Solid tint indicates colder part, lighter tint of same

ONE		ZONE	
0	0a	5	5a
	Ob	3	5b
1	la l	6	6a
	1ь		6b
2	2a	7	7a
	2b		7b
3	3a	0	8a
	3b	8	8b
4	4a	9	9a
	4b		







Copies of this publication may be obtained from:

CANADA DEPARTMENT OF AGRICULTURE OTTAWA